# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|-----------|
| L7 | 125 | "diamond-like carbon" near3 friction | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 11:41 |
| L8 | 12 | "diamond-like carbon" near3 ((heat adj transfer) (heat adj conduct$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 12:32 |
| L9 | 23 | "diamond-like carbon" near5 ((heat adj transfer) (heat adj conduct$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/09 12:33 |
| S1 | 39 | "4209375" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:20 |
| S2 | 523 | (204/298.12.ccls. 204/298.12.ccls. 204/298.09.ccls.) and target and sputter$5 and (Cr Mo Ta Nb W chromium molybdium tantalum niobium tungsten) and (cool $4 thermal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:26 |

| S3 | 2 | (204/298.12.ccls. 204/298.12.ccls. 204/298.09.ccls.) and braz$3 with (Cr Mo Ta Nb W chromium molybdium tantalum niobium tungsten) with back $3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:32 |
| S4 | 50 | (204/298.12.ccls. 204/298.12.ccls. 204/298.09.ccls.) and sputter$4 with (back$3 backplate) with (Cr Mo Ta Nb W chromium molybdium tantalum niobium tungsten) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:35 |
| S5 | 54 | (204/298.12.ccls. 204/298.12.ccls. 204/298.09.ccls.) and sputter$4 with (back$3 backplate) with (nitride carbide (dlc) (diamond adj type adj carbon) (diamond ajd like adj carbon) Cr Mo Ta Nb W chromium molybdium tantalum niobium tungsten) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:37 |
| S6 | 53 | (204/298.12.ccls. 204/298.12.ccls. 204/298.09.ccls.) and sputter$4 with (back$3 backplate) with (nitride carbide (dlc) (diamond adj type adj carbon) (diamond adj like adj carbon) Cr Mo Ta Nb W chromium molybdium tantalum niobium | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:37 |

| | | tungsten) | | | | | |
|---|---|---|---|---|---|---|---|
| S7 | 32 | (204/298.12.ccls. 204/298.12.ccls. 204/298.09.ccls.) and (layer film plate) with (prevent $3 avoid$3) with (weld$3 braz$3 stick$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:41 |
| S8 | 15 | (204/298.12.ccls. 204/298.12.ccls. 204/298.09.ccls.) and (target (sputter $3 adj surface)) with (base back backing) with (between) with (nitride carbide (dlc)(diamond adj type adj carbon) (diamond ajd like adj carbon) Cr Mo Ta Nb W chromium molybdium tantalum niobium tungsten | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:46 |
| S9 | 37 | "204".clas. and (target (sputter$3 adj surface)) with (base back backing) with (between) with (nitride carbide (dlc)(diamond adj type adj carbon) (diamond ajd like adj carbon) Cr Mo Ta Nb W chromium molybdium tantalum niobium tungsten) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/09 07:46 |
| S10 | 1861 | (204/298.12.ccls. 204/298.13.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:00 |

| S11 | 374 | S10 and (TiC TaC CrN TiN TaN CrC MoN MoC ZrC ZrN VN VC WN WC) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:01 |
|-----|-----|------|------|------|------|------|
| S12 | 38 | ("3160480" \| "3487536" \| "3802078").PN. OR ("4209375"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/08 10:05 |
| S13 | 19 | S10 and (DLC (diamond adj like adj carbon)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:15 |
| S14 | 19 | S10 and (DLC (diamond adj like adj carbon) (diamond-like adj carbon)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:36 |
| S15 | 21 | S10 and (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:37 |
| S16 | 63 | "204".clas. and target with (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:49 |
| S17 | 15 | heat adj transfer near4 (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:55 |
| S18 | 38 | (heat adj transfer) and (friction) near4 (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:55 |

| S19 | 0 | ((heat adj transfer) and (friction)) near4 (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:55 |
| S20 | 509 | (friction) near4 (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:56 |
| S21 | 313 | (low near3 friction) near4 (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:58 |
| S22 | 1 | (low near3 friction) with (high near3 heat) with (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:58 |
| S23 | 4 | (low near3 friction) same (high near3 heat) same (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 10:59 |
| S24 | 192 | (high near3 heat) same (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 11:04 |
| S25 | 94 | (high near3 heat) with (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 11:05 |

| S26 | 1 | (high near3 heat) with friction with (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 11:06 |
|-----|-----|-----|-----|-----|-----|-----|
| S27 | 125 | S10 and target with (carbon diamond DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 14:17 |
| S28 | 178 | "204".clas. and target with (multi-layer$2 layered layers interlayer intermediate) and (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 14:20 |
| S29 | 69 | "204".clas. and target with (multi-layer$2 layered layers interlayer intermediate) and target same (DLC (diamond adj like adj carbon) (diamond-like adj carbon) ta-C) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/09/08 14:42 |

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